## EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	(US-20010045625-\$).did. or (US-6521987-\$ or US- 6650020-\$ or US-6759737- \$ or US-6838752-\$ or US- 6940154-\$ or US-7033517- \$ or US-7042068-\$ or US- 7154186-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/09/16 11:45
L2	1	1 and wedge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 11:45
L3	1	1 and wedge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 11:45
L4	36	(US-20010045e25-\$ or US-20040207054-\$ or US-20040159918-\$ or US-20040159918-\$ or US-20030234454-\$), did. or (US-6812552-\$ or US-723540-\$ or US-673545-\$ or US-7153724-\$ or US-7125747-\$ or US-6797540-\$ or US-678378-\$ or US-7042088-\$ or US-703517-\$ or US-7035197-\$ or US-7035197-\$ or US-7035197-\$ or US-7035197-\$ or US-707519-\$ or US-70751	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/09/16 12:42

L5	34	4 and etch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 12:42
L6	0	1 and thermosonic	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 13:00
L7	1	5 and thermosonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 13:00
L8	221796	"438"/\$.cols.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 13:01
L9	351	8 and (thermosonic with (wire near2 bond\$4))	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 13:01
L10	8	9 and (wedge with (size or area))	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 13:39
L11	1163	(thermosonic with (wire near2 bond\$4))	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 13:44
L12	23	11 and (wedge with (size or area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 13:44

L13	15	12 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 13:44
L14	130090	wire with bond\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 14:14
L15	233	14 and (wedge with (diameter or radius))	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:15
L16	8	15 and (wedge with ("1.2" or "1.5"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:15
L17	12	(US-20010045625-\$). did. or (US-6521987-\$ or US- 6650020-\$ or US-6759737- \$ or US-6838752-\$ or US- 6940154-\$ or US-7033517- or US-7042068-\$ or US- 7154186-\$ or US-6238952- \$ or US-6299057-\$ or US- 5263246-\$). did.	US-PGPUB; USPAT	OR	OFF	2008/09/16 14:34
L18	4351	438/106.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 14:50
S1	3	(("6830954") or ("6767761") or ("6812552")).PN.	USPAT	OR	OFF	2008/09/15 11:40
S2	22	("20010045625"   "5656550"   "5847458"   "6001671"   "6238952"). PN. OR ("6812552"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:43
S3	2	("6734536").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 11:46

S4	2	("4945398").PN. OR ("6734536").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:46
S5	14	("20010042904"   "20020149909"   "20030073265"   "6399415"   "6452255"   "6483180"   "6489218"   "6501158"   "664339"   "6667073"   "6713849"   "6734536"   "6743696"   "8812552".) PN. OR ('7153724"). URPN.	US POPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:47
S6	21	("5230144"   "5942794"   "6166430").PN. OR ("6489218").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:49
S7	7	("6281047"   "6489218"   "6773961"   "6800508"   "6872599").PN. OR ("7125747").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:50
<b>S</b> 8	25	("20010030355"   "20030230792"   "20040207054"   "6083776"   "5998234"   "6083776"   "6229200"   "6242281"   "6278618"   "6372539"   "6399415"   "6400004"   "6410363"   "66403194"   "6511863"   "6603194"   "6617197"   "6727540"). PN. OR ("6872599"). UJFPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:51
S9	3	("2004/0207054").URPN.	USPAT	OR	OFF	2008/09/15 11:51
S10	25	("20010030355"   "20030230792"   "20040207054"   "5088274"   "5088274"   "6083776"   "6229200"   "6242221"   "6278618"   "6372539"   "6399415"   "64400004"   "6410363"   "6440107"   "6511863"   "6603194"   "6617197"   "6723585"   "6777800"   "6797540"). PN. OR ("6872599").	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:52
S11	4	("6531765").PN. OR ("6797540").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 11:53

S12	45	("5367196"   "5494207"   "5508556"   "5596231"   "5623123"   "5656550"   "5741729"   "5844315"   "5981314"   "5986948"   "5981314"   "5990545"   "6013946"   "6090774"   "6060778"   "6093960"   "6133070"   "6177288"   "6183130").PN. OR ("6399415").UFFN.	US-PGPUB; USPAT; USOCR	©OR	OFF	2008/09/15 11:57
S13	19	("4862246"   "5973388"   "6143981"   "6166430"   "6208020"   "6372539"   "6399415").PN. OR ("6483178").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 12:02
S14	72	("20030073265"   "383894"   "4530152"   "383894"   "4530152"   "4707724"   "4756090"   "4812996"   "5041902"   "5157480"   "5172213"   "5172214"   "5200362"   "5210809"   "5214845"   "5216278"   "521642"   "528094"   "5273938"   "5277972"   "5273436"   "5279029"   "5332864"   "5336931"   "5406124"   "5349831"   "5406124"   "544576"   "5435057"   "5521429"   "5604376"   "5521429"   "5604376"   "5521429"   "5604376"   "5640047"   "5649997"   "5640047"   "5650663"   "5701034"   "5710064"   "5733661"   "58689990"   "5783661"   "5868939"   "5875432"   "5894108"   "5977613"   "5977630"   "5981314"   "6025640"   "6139311"   "619371"   "62255146"   "6229200"   "62422811"   "6285640"   "613941"   "624281"   "6245640"   "613941"   "6181711"   "62255146"   "6229200"   "6242811"   "6285640"   "613941"   "61854332"   "6483178"   "6545332"   "6483178"   "6545332"   "6580161"   "681734"   "PN. OR ("7042068").   URPN.	USPAT; USOCR	OR	OFF	2008/09/15

S15	37	("20020041019"] "4812896"] "4530152"] "4812896"] "5200362"] "5200890"] "521845"] "520689"] "5216278"] "5216278"] "5216278"] "5216278"] "532864"] "5279029"] "532964"] "5349076"] "5406124"] "5442576" "5474958"] "5604376" "5474958"] "5604376"] "564047"] "5641997"] "5646831"] "5650666"] "571034", "5710664"] "5710665"] "5892806", "571034", "5710664"] "5710664"] "5892891"] "6001671"] "6229200"] "64989099"] "6812552", "68726661"), PN. OR ("7033517"), URPN.	US-POPUE; USPAT; USOOR	OR	OFF	2008/09/15
S16	2	("20070161157").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15
S17	14	(US-20010045625-\$ or US- 20040207054-\$, id.d. or (US-6812552-\$ or US- 7238549-\$ or US-6734536-\$ \$ or US-7153724-\$ or US- 125747-\$ or US-6797540-\$ \$ or US-6399415-\$ or US- 6483178-\$ or US-7937113-\$ \$ or US-7042068-\$ or US- 7033517-\$), olid. or (JP- 20022222890-\$), olid.	US POPUB; USPAT; DERWENT	OR	OFF	2008/09/15 17:16
S18	584	257/670.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 17:26
S19	7	("6081029"   "6166430"   "6204553"   "6400004"   "6638790"   "6642609"   "6650020").PN. OR ("6909168").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 17:35
S20	10	("6204553"   "6291274"   "6396139").PN. OR ("6650020").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 17:36

S21	65	("20010013639"	US-PGPUB;	OR	OFF	2008/09/15
<u> </u>		"3833984"   "4530152"   "4707724"   "4756080"   "4812896"   "5041902"   "5157480"   "5172213"   "5172214"   "5200362"   "520809"   "5214845"   "5216278"   "5221642"   "5218094"   "5279338"   "5277972"   "5278446"   "5279029"   "532864"   "5336931"   "5343076"   "5406124"   "5424576"   "5408124"   "5424576"   "5408124"   "552429"   "56404376"   "5608267"   "5641997"   "5646831"   "5689666"   "5701034"   "5783661"   "5839980"   "5783661"   "5839980"   "5783661"   "58398880"   "5776761"   "5894108"   "5783611"   "58659683"   "5877043"   "5894108"   "5987314"   "6001671"   "6025640"   "6130115"   "6130473"   "6143981"   "6189171"   "6225146"   "6229200"   "6242281"   "62858861"   "6295559"   "661087").PN. OR ("6585891").UFFN.	USPAT; USOCR			17:41
S22	121	("5592025"   "5635755"). PN. OR ("6025640"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 17:44
\$23	307	("20010008305"   "20010011654"   "200100116584"   "20010014538"   "20020024122"   "20020024122"   "20020140061"   "20020140068"   "20020130015"   "20030030131"   "20030030311"   "20030030312"   "20040065277"   "20040061212"   "20040061212"   "20040063242"   "20040063246"   "20040065963"   "3435815"   "4358438"   "44584238"   "44258281"   "42584381"   "42584221"	US-PGPUB; USPAT; USOCR	OR	ÖFF	2008/09/15 17:47

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"5435057"		i
"5452511"	"5454905"	i
"5474958"	"5484274"	i
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		"6297548"   "6303984"   "6309997"   6307272"   "6309909"   6307272"   "6309909"   6316822   "6316838"   "632550"   "6326243"   "6325504"   "6326678"   "6335564"   "632678"   "6335564"   "6348726"   "6355502"   "6369447"   "6369454"   "6373127"   "638036"   "6373127"   "638036"   "6384472"   "638836"   "6395578"   "6414385"   "6410979"   "6414385"   "640979"   "64449908"   "6437429"   "6447449"   "6437429"   "6476474"   "6459489"   "6476474"   "6469839"   "6507096"   "6507120"   "6534849"   "6585303"   "665345"   "6585303"   "6667546"   "RE36613"   "6667546"   "RE36613"   "RE36907"). PN. OR ("6953988").				
S24	5	("4680613"   "6011303"   "6025640"   "6452255"). PN. OR ("6838752"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 17:52
<b>≥</b> 5	132	("3833984"   "3851221"   "4530152"   "4567643"   "4707724"   "4730232"   "4756080"   "4763188"   "4812896"   "4982265   "4996587"   "5012323"   "5043902"   "5138438"   "5140404"   "5157480"   "51470404"   "5157480"   "5142214"   "5198888"   "5200362"   "5200809"   "5214845"   "5216278"   "5221642"   "5229647"   "5221642"   "5229647"   "5258094"   "5273938"   "5277972"   "5278446"   "5334875"   "5332864"   "5343076"   "5342864"   "5343076"   "5342663"   "5432729"   "5435057"   "5463253"   "5473196"	US-PGPUB; USPAT; USOOR	OR .	OFF	2008/09/15

\$28	63	\$27 and ((remov\$4 or etch \$4) near3 (corner or edge or perimeter or border))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/15 18:04
S29	11	("20010045625"   "5656550"   "5847458"   "6001671"   "6143981"   "6238952").PN. OR ("6777265").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 18:07
S30	2136	\$27 not (\$18 or \$19 or \$20 or \$21 or \$22 or \$23 or \$25 or \$28)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 18:10
S31	1574	\$30 and (encapsulat\$4 or seal\$4 or encapsulant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/15 18:10
S32	1	("2005/0206010").URPN.	USPAT	OR	OFF	2008/09/15 18:17
\$33	20	("20010001069"   "20020066950"   "20020113385"   "2003011305"   "2003011905"   "20030189248"   "20040212074"   "20050206010"   "5331200"   "5780926"   "6084292"   "6133634"   "6452255"   "6476481"   "6433180"   "6509582"   "6525405"   "6638790"   "6696321"   "6798044"   "7173321").PN. OR ("7335532").URPN.	US PGPUB; USPAT; USOOR	OR	OFF	2008/09/15 18:17
S34	95	("20020079570"   "3942245"   "3998075"   "3942245"   "4501960"   "4674175"   "4701781"   "4975765"   "5023202"   "5041995"   "5172243"   "5172612"   "5172213"   "5172612"   "5172613"   "51766933"   "5462460"   "5474957"   "5482736"   "548296"   "548296"   "548296"   "548296"   "548296"   "548296"   "548296"   "548296"   "548296"   "548296"   "5586485"   "586031"   "5596485"   "5692928"   "5672909"   "56799078"   "5679078"   "5679079078"   "5679078"   "5679078"   "5679078"   "5679078"   "5679078"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 18:28

		"5896163"   "5801927"   "5847455"   "5886397"   "586368"   "5886397"   "586368"   "5886397"   "5894065"   "5980676"   "5990352"   "5993784"   "59949655"   "5950074"   "5992810"   "5973388"   "5981314"   "6011694"   "6034429"   "604984"   "6034429"   "6040984"   "6081029"   "6091603"   "6092281"   "6104086"   "6117193"   "611705"   "6143588"   "6143081"   "6150193"   "6198163"   "6226676"   "6229200"   "6236568"   "6239496"   "6242281"   "6246566"   "6258629"   "6259200"   "6286568"   "6239496"   "6284075"   "6285671"   "62861241"   "6281568"   "6280755"   "6294830"   "649048"   "6429508"   "6439069"   "6444498"   "643906"   "6449689"   "643960"   "644498"   "643960"   "644498"   "643960"   "644498"   "6452655"   "6458626"   "643960"   "644498"   "6452655"   "6458626"   "643900"   "6652417"   "6564347"   "6652417"   "6566740"   "6653790"   "N. OR ("6940154")   URPN.				
<b>S</b> 35	229	roman-angel.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 18:35
<b>336</b>	36	(US-20010045625-\$ or US-20040207054-\$ or US-20040207054-\$ or US-20040207054-\$ or US-20050206010-\$ or US-20050206010-\$ or US-6812552-\$ or US-7238549-\$ or US-6787540-\$ or US-6787547-\$ or US-6787540-\$ or US-68125747-\$ or US-6787540-\$ or US-68125747-\$ or US-797540-\$ or US-683178-\$ or US-7397113-\$ or US-702517-\$ or US-702517-\$ or US-7023517-\$ or US-7023517-\$ or US-7023649816-\$ or US-6909168-\$ or US-6	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/09/15 18:37

		6650020-\$ or US-7288439 \$ or US-6858919-\$ or US- 6025640-\$ or US-6953988- \$ or US-6927483-\$ or US- 6838752-\$ or US-6759737- \$ or US-6521987-\$ or US- 6777726-\$ or US-623952- \$ or US-7335532-\$ or US- 6340154-\$). did. or (JP- 2002222890-\$). did.				
S37	1	("6841854").PN.	USPAT	OR	OFF	2008/09/15 18:42
538	1	("7154186").PN.	USPAT	OR	OFF	2008/09/15 18:43
839	15	(US-20050206010-\$ or US- 20030234454-\$ or US- 20010045625-\$), did. or (US-6841854-\$ or US- 7154186-\$ or US-7042068- \$ or US-7033517-\$ or US- 6849816-\$ or US-6940154- \$ or US-6900168-\$ or US- 6858919-\$ or US-6838752- \$ or US-6759737-\$ or US- 6650020-\$ or US-6521987- \$), did.	US-POPUB; USPAT	OR	OFF	2008/09/15 18:54
S40	9	(US-20010045625-\$).did. or (US-6521987-\$ or US- 6650022-\$ or US-6759737- \$ or US-6838752-\$ or US- 6940154-\$ or US-7033517- \$ or US-7042068-\$ or US- 7154186-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/09/15 21:29
S41	9	(US-20010045625-\$).did. or (US-6521987-\$ or US- 6650020-\$ or US-6759737- \$ or US-6838752-\$ or US- 6940154-\$ or US-7033517- \$ or US-7042068-\$ or US- 7154186-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/09/16 10:43

<sup>9/16/2008 2:53:34</sup> PM C:\ Documents and Settings\ aroman\ My Documents\ EAST\ Workspaces\ 10563712.wsp